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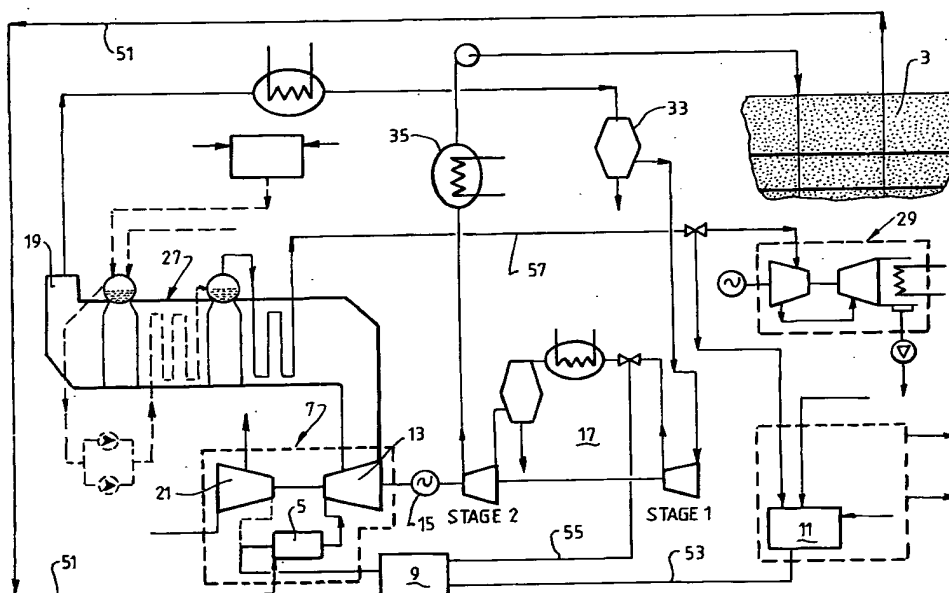
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(54) Title: POWER GENERATION



(S7) Abstract: The combustor (5) of a gas turbine (7) is supplied with coal bed methane (5 1), oxygen (53) and a part of the flue gas (55), predominantly CO₂, produced from the gas turbine (7) and sent through a heat recovery steam generator (27), all under pressure. The heat recovery steam generator (27) receives the hot flue gas and generates steam (57) for driving a steam turbine (29). The other part of the flue gas stream that passes through the heat recovery steam generator (27) is supplied to a suitable underground storage region (3).

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